

# METHOD AND DEVICE FOR TRANSMITTING LIVE STREAMING IMAGE FROM ULTRASONIC IMAGING SYSTEM THROUGH NETWORK

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Inventor: BRACKETT CHARLES CAMERON; MACLEOD GARY E

Applicant: GE MED SYS GLOBAL TECH CO LLC

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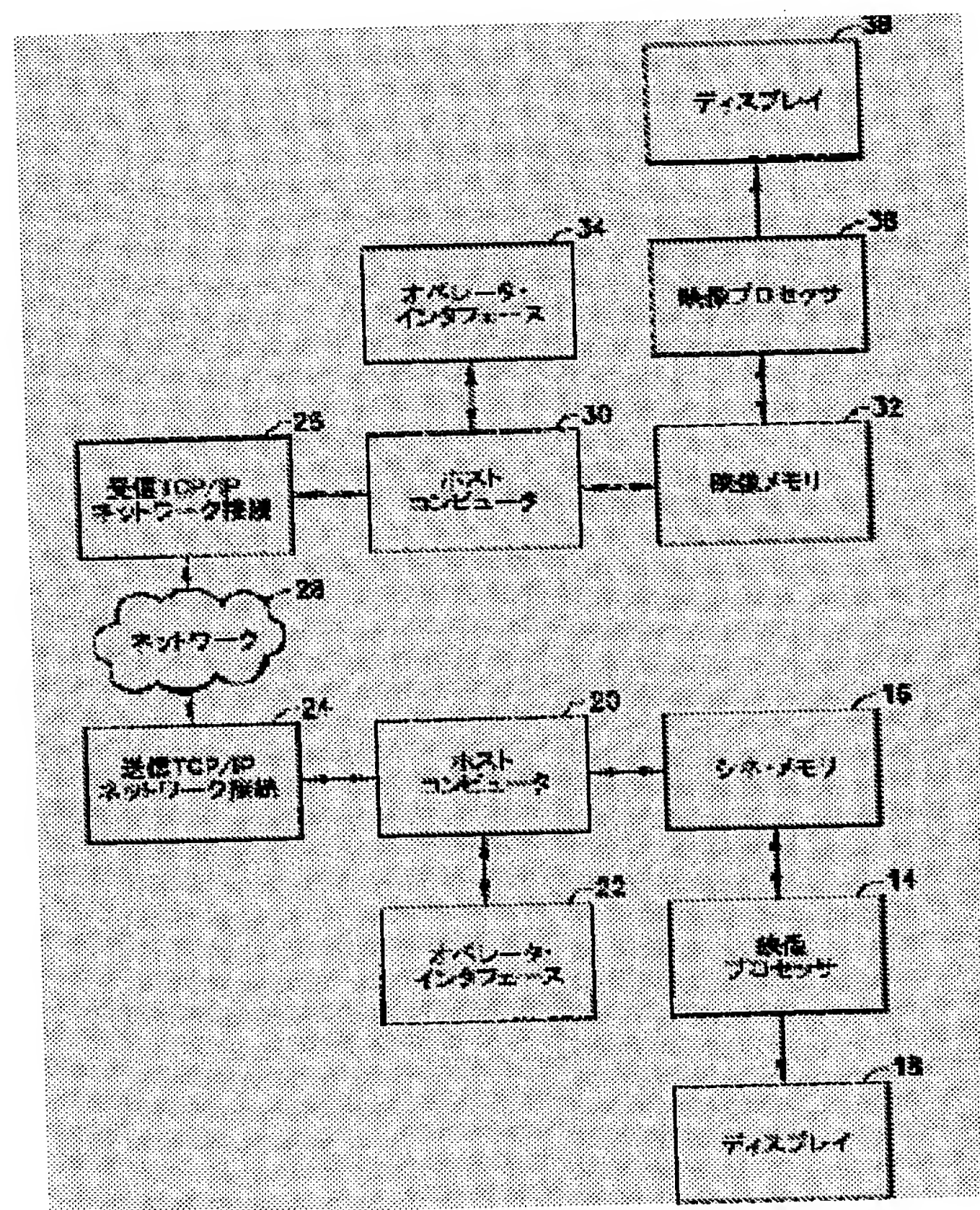


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## Abstract of JP2002282251

**PROBLEM TO BE SOLVED:** To transmit a live streaming image directly to a receiving device by an ultrasonic imaging system through a wide area network. **SOLUTION:** An image displayed on a monitor 18 of an ultrasonic scanner is taken in the form of a single frame or frame group, subjected to compression in the MPEG form, subsequently passed through a digital output port of the scanner, and transmitted to a receiver through a TCP/I network. A host computer 20 of the ultrasonic imaging system is programmed by live streaming image software facilitating the transmission of an image frame from a cine memory 16 to a remote receiver through a hard disk and network. Software application operated on the receiver collects streaming data and processes the same, and outputs an image and voice to a monitor 38 at the receiving end. The receiving station buffers incoming data to smooth the output.



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